



www.VirginiaDOT.org

Public Information Meeting

## North Glebe Road over Pimmit Run Bridge Rehabilitation Arlington County

**Tuesday, August 13, 2019**

**6:30 p.m. to 8:30 p.m.**

**Presentation starts at 7 p.m.**

Williamsburg Middle School  
3600 North Harrison Street  
Arlington, VA 22207

### Public Information Meeting

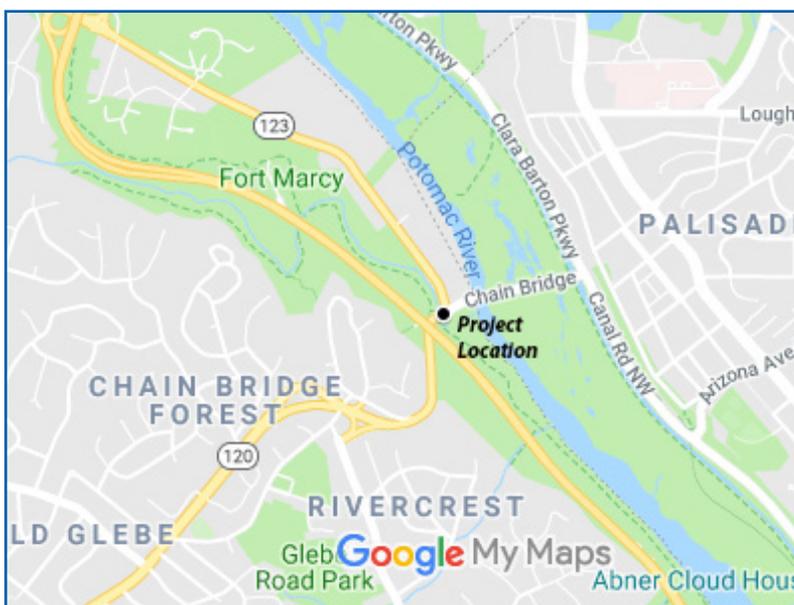
Welcome to the Virginia Department of Transportation's (VDOT) public information meeting about plans to rehabilitate the North Glebe Road (Route 120) bridge over Pimmit Run to improve safety for drivers, bicyclists and pedestrians and extend the overall life of the bridge. We look forward to your active participation.

This meeting is being held to provide an opportunity for residents and organizations to give VDOT comments and/or suggestions on the proposed project. VDOT strives to ensure that all

members of the community have the opportunity to participate in public decisions on transportation projects and programs affecting them.

VDOT representatives are here to discuss the project and answer your questions. We have included a comment sheet with this brochure and encourage your input. All written comments received will be reviewed by the design team, summarized and made available on the VDOT project website.

### Project at a Glance



**Purpose:** Aims to improve safety and extend the overall life of the bridge.

**Lengths and Limits:** North Glebe Road from just south of Pimmit Run to just north of Pimmit Run

**Phase:** In Design

**Construction Begin Date:** Fall 2020

**Cost:** \$7.5 million

These costs are subject to change as the project is further developed. This project is financed with state and federal State of Good Repair funds used for maintenance of structures and bridges.

## Project Overview

This project will rehabilitate the North Glebe Road (Route 120) bridge over Pimmit Run to improve safety for drivers, bicyclists and pedestrians and extend the overall life of the bridge. The bridge was built in 1973. The planned improvements include:

- Repairing and resurfacing the bridge deck
- Repairing, waterproofing and providing corrosion protection to abutments and piers
- Repairing, cleaning and painting beams
- Replacing railings along bicycle and pedestrian connection to trails
- Upgrading guardrails and drainage

The project is being financed with state and federal State of Good Repair funds used for maintenance of structures and bridges.

North Glebe Road averages 12,000 vehicles a day along the bridge.

## Civil Rights

VDOT ensures nondiscrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact VDOT Civil Rights at 703-259-1775 or TTY/TDD 711.

## Get Involved

VDOT will review and evaluate any information received as a result of the public information meeting. The comment sheet and brochure are provided to assist in making your comments. You may leave the sheet or any other written comments in the comment box, or mail/email your comments.

Comments must be postmarked, emailed or delivered to VDOT by **August 23, 2019**. Mail comments to Shahrads Behboodi, P.E. at the address below or

## Environmental Review

Pursuant to the National Environmental Policy Act (NEPA) and 23 CFR 771, an environmental document in the form of a Programmatic Categorical Exclusion (PCE) has been prepared for this project in accordance with the 2017 Programmatic Agreement between VDOT and the Federal Highway Administration (FHWA). The PCE includes information about potential impacts to environmental resources within the project's vicinity and is available on the project website.

## Right of Way

The construction work associated with this bridge rehabilitation will not require the displacement of any families, businesses or non-profit organizations.

As the project is further developed, if any additional right of way for utility relocation or construction may be required beyond the proposed limits shown the property owners will be informed of the exact location of the easements during the right of way acquisition process and prior to construction.

Information about right of way purchase is discussed in VDOT's Right of Way and Utilities brochure, "A Guide for Property Owners and Tenants." Copies of this brochure are available on the VDOT website and from the VDOT project team.

email [meetingcomments@vdot.virginia.gov](mailto:meetingcomments@vdot.virginia.gov). Please include "North Glebe Road over Pimmit Run Bridge Rehabilitation" in the subject line.

Project information shared here, including a summary of comments received during the comment period, will be available at a [www.virginiadot.org/projects](http://www.virginiadot.org/projects) and at VDOT's Northern Virginia District Office.

## Contact Information

**Primary Contact:**  
**Mr. Shahrads Behboodi, P.E.**

Structure & Bridge

4975 Alliance Drive  
Fairfax, VA 22030

703-259-2304



www.VirginiaDOT.org

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**COMMENT SHEET**

State Project: 0120-000-870, P101; 0120-000-867, UPCs: 114105, 111691, Federal: STP-BR09 (297)

**All comments are subject to public disclosure.**

Name (optional): \_\_\_\_\_

Address (optional): \_\_\_\_\_

Email (optional): \_\_\_\_\_

1. What are your major concerns that you would like to see addressed in this bridge rehabilitation?

2. Please provide us with any additional information or suggestions that will assist VDOT in the completion of this project.

3. How did you hear about this meeting?

\_\_\_\_\_ Newspaper \_\_\_\_\_ Social Media \_\_\_\_\_ Website \_\_\_\_\_ Other \_\_\_\_\_

Please leave this comment sheet at the designated location, mail your comments (postmarked by August 23, 2019) to the addressee on the reverse side, or email them to [meetingcomments@vdot.virginia.gov](mailto:meetingcomments@vdot.virginia.gov). Please include "North Glebe Road over Pimmit Run Bridge Rehabilitation" in the email subject line.

Fold Line

Postal Service  
will not  
deliver without  
a stamp

Virginia Department of Transportation  
Northern Virginia District  
Mr. Shahrad Behboodi, P.E.  
4975 Alliance Drive  
Fairfax, VA 22030

Fold Line



**ROUTE 120 (NORTH GLEBE ROAD) OVER PIMMIT RUN  
BRIDGE REHABILITATION  
ARLINGTON COUNTY  
PROJECT NO. 0120-000-870, P101; UPC 114105  
PROJECT NO. 0120-000-867; UPC 111691**

[www.virginiadot.org/projects](http://www.virginiadot.org/projects)

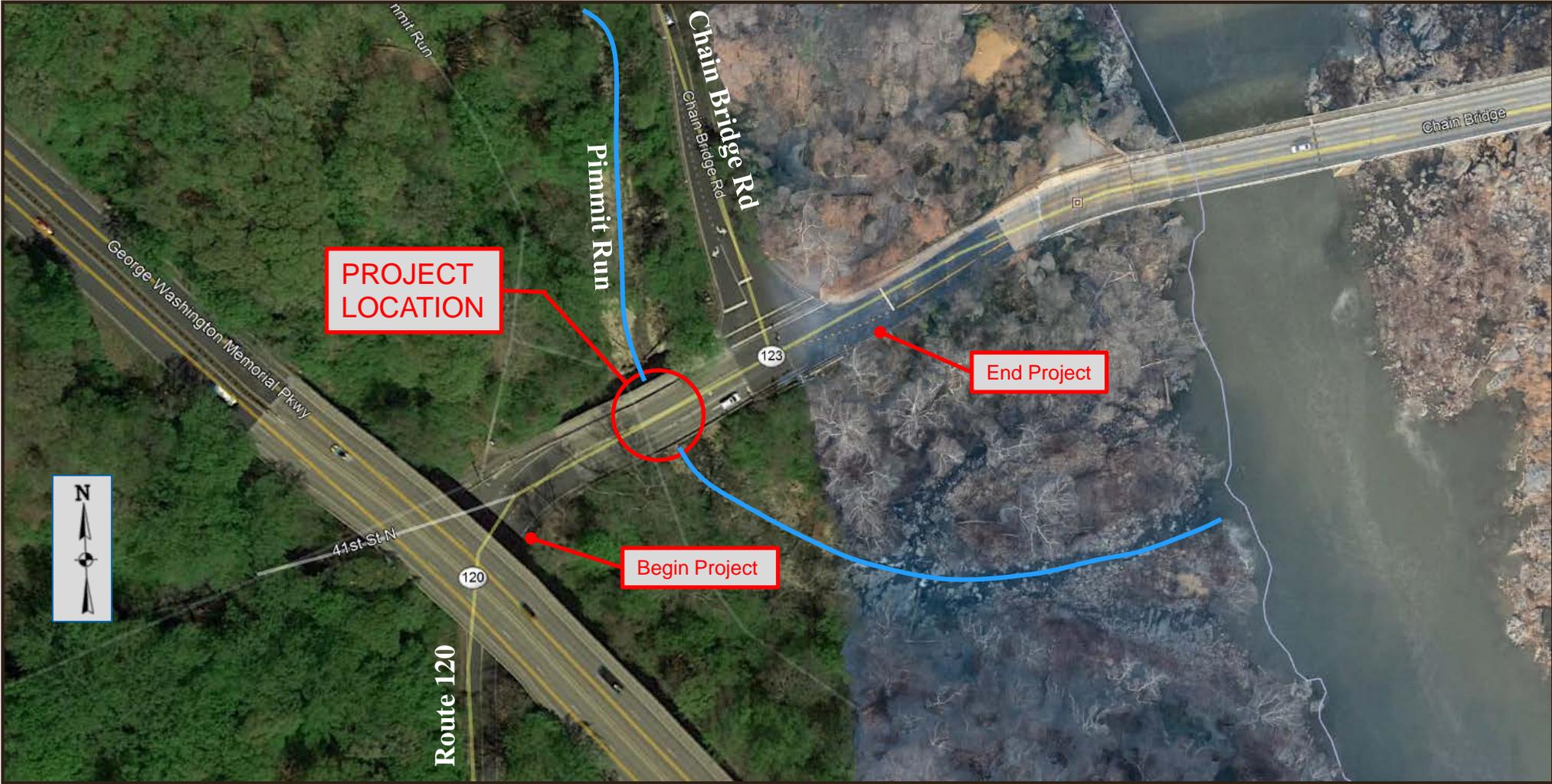
**Shahrad Behboodi, PE – Project Manager, Structure & Bridge**

Tuesday, 13<sup>th</sup> August, 2019

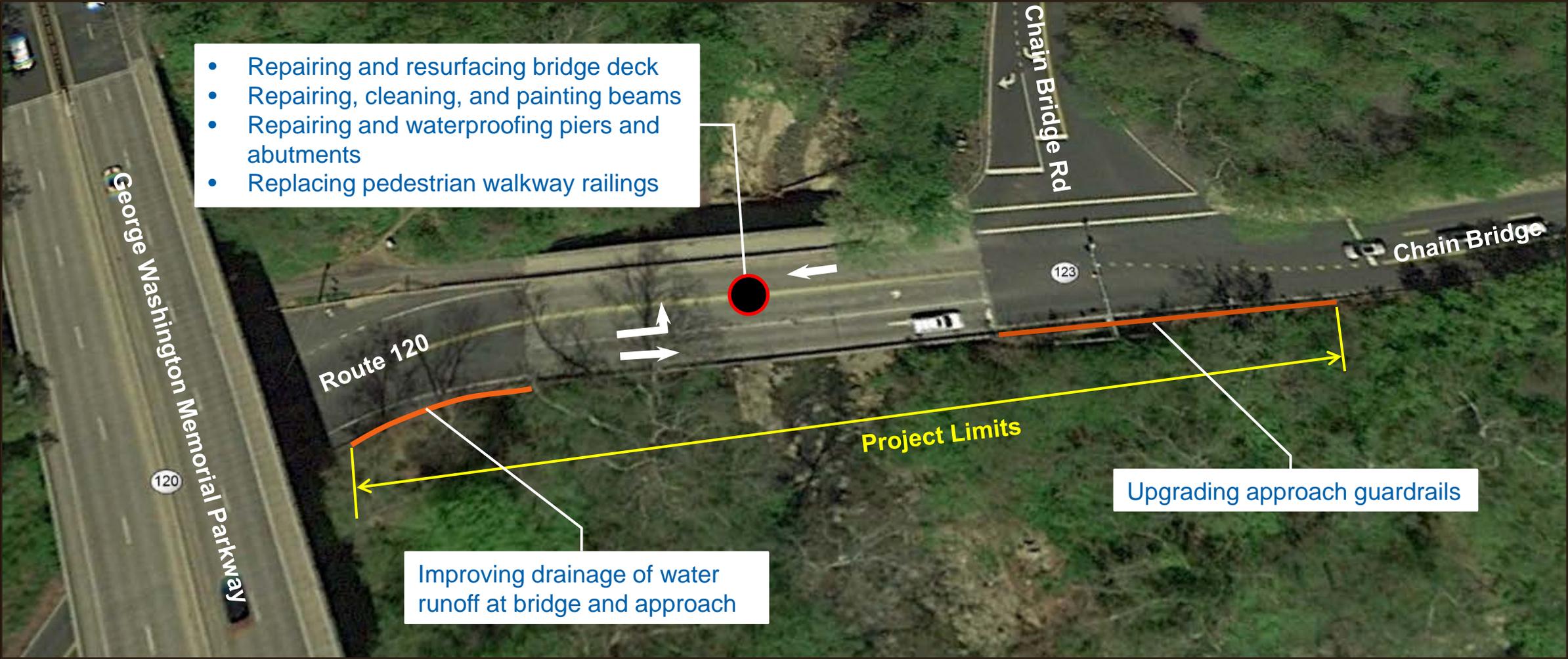
# AGENDA

- **Project Location and Overview**
- **Existing Bridge Description**
- **Existing Condition and Proposed Work**
- **Proposed Traffic Control**
- **Anticipated Project Schedule and Cost**
- **Questions and Answers**

# PROJECT LOCATION



# PROJECT OVERVIEW



# EXISTING BRIDGE DESCRIPTION



- Existing bridge built in 1973. Beams repainted in 1993.
- Bridge length = 160'-2" (three spans). Bridge roadway width = 42'-0".

# EXISTING BRIDGE DESCRIPTION



- **Roadway Classification: Other Principal Arterial**
- **Average Daily Traffic = 12,000 vehicles**

# EXISTING CONDITION & PROPOSED WORK

## BRIDGE DECK



Numerous potholes in bridge deck wearing surface  
Condition Rating of 5 of 9 (Fair)

- **Proposed work: Repair deterioration, mill existing wearing surface, and install new bridge deck overlay**

# EXISTING CONDITION & PROPOSED WORK

## BRIDGE RAILINGS



Damaged and misaligned handrails

➤ **Proposed work: Replace handrails**

# EXISTING CONDITION & PROPOSED WORK

## BEAMS AND BEARINGS



Heavily corroded beams and bearings

Condition Rating 4 of 9 (Poor, Structurally Deficient)

➤ **Proposed work: Replace bearings; Repair, clean, and paint beams**

# EXISTING CONDITION & PROPOSED WORK

## BRIDGE ABUTMENTS AND PIERS



Abutments and piers exhibit deteriorated concrete and exposed reinforcing bars  
Condition Rating 5 of 9 (Fair)

➤ **Proposed work: Concrete will be repaired and receive waterproofing coating**

# EXISTING CONDITION & PROPOSED WORK

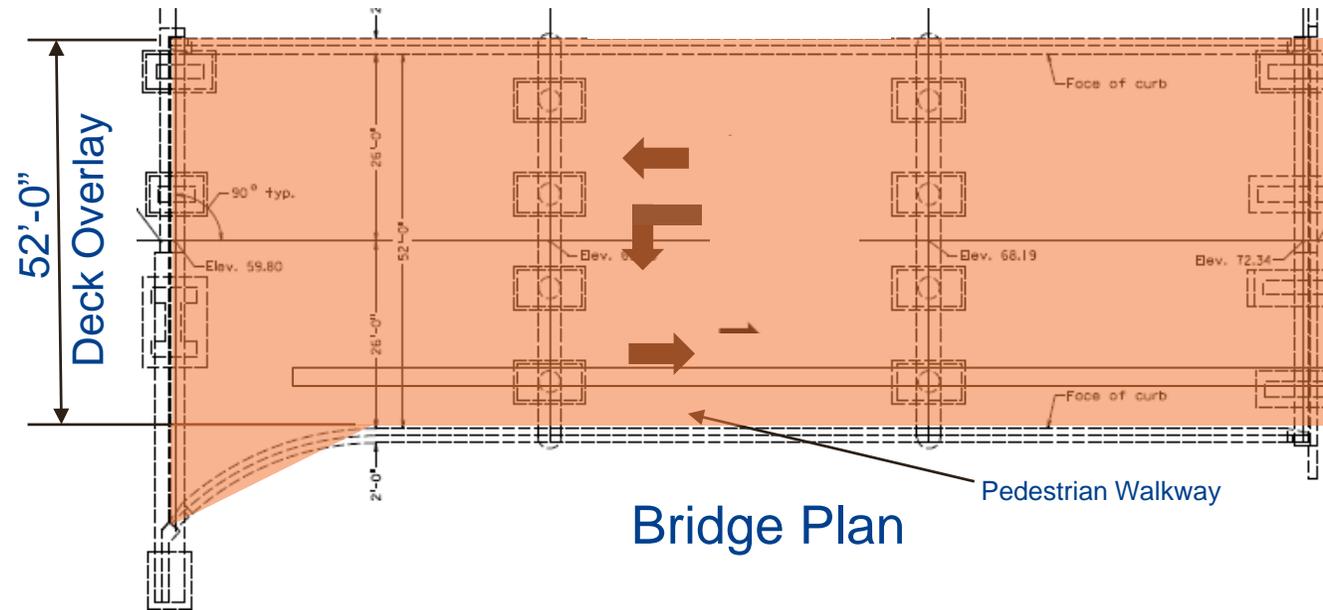
## DRAINAGE



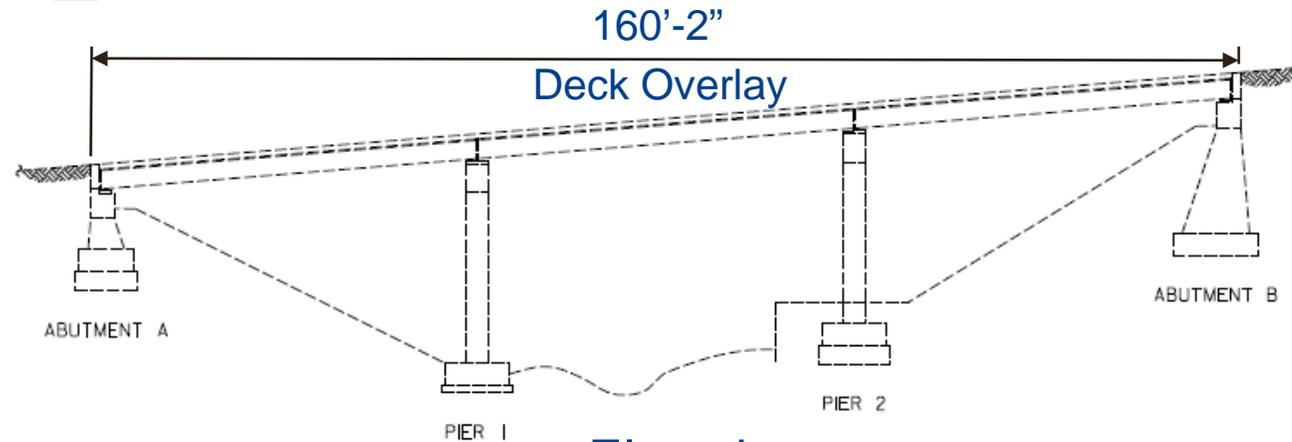
Erosion at southwest approach due to lack of drainage inlet to collect water runoff

➤ **Proposed: Install drainage inlet; build retaining wall**

# PROPOSED DECK OVERLAY

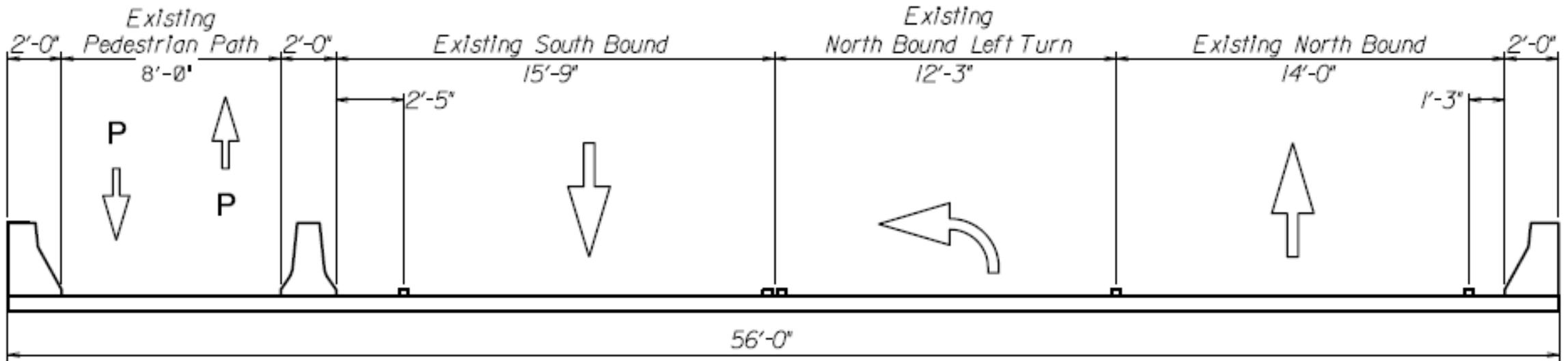


Bridge Plan

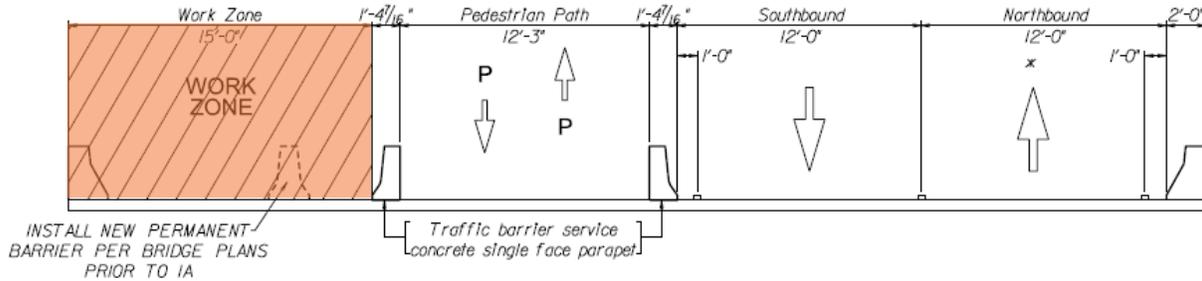


Elevation

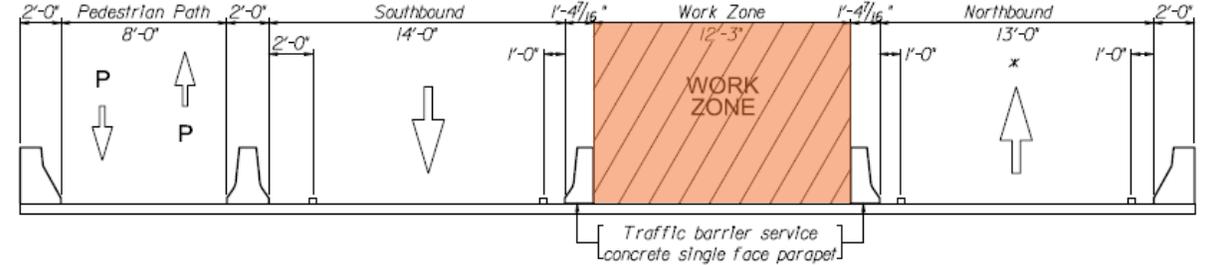
# EXISTING BRIDGE TYPICAL SECTION



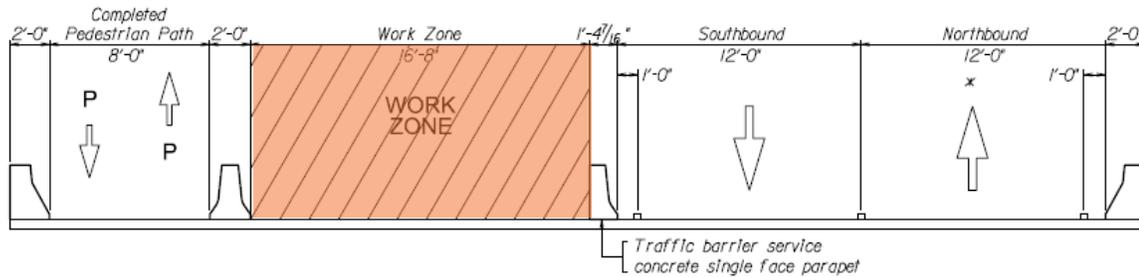
# PROPOSED MAINTENANCE OF TRAFFIC



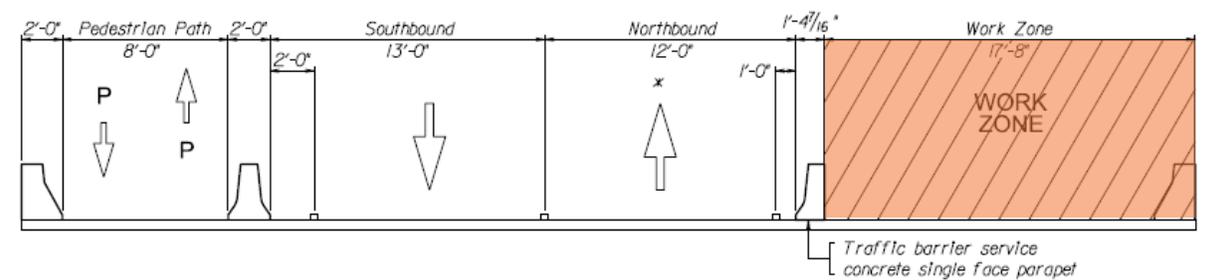
**(1) PEDESTRIAN PATH SHIFTED TO RIGHT**



**(3) WORK ZONE SHIFTED TO MIDDLE LANE**



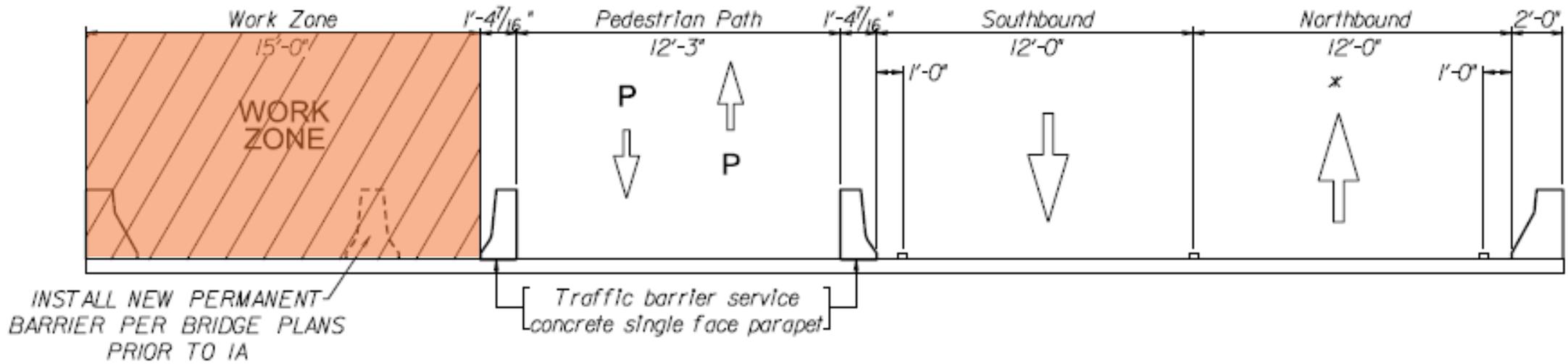
**(2) WORK ZONE SHIFTED TO LEFT LANE**



**(4) WORK ZONE SHIFTED TO FAR RIGHT LANE**

**\* LEFT TURNS ONTO CHAIN BRIDGE ROAD WILL BE RESTRICTED DURING CONSTRUCTION**

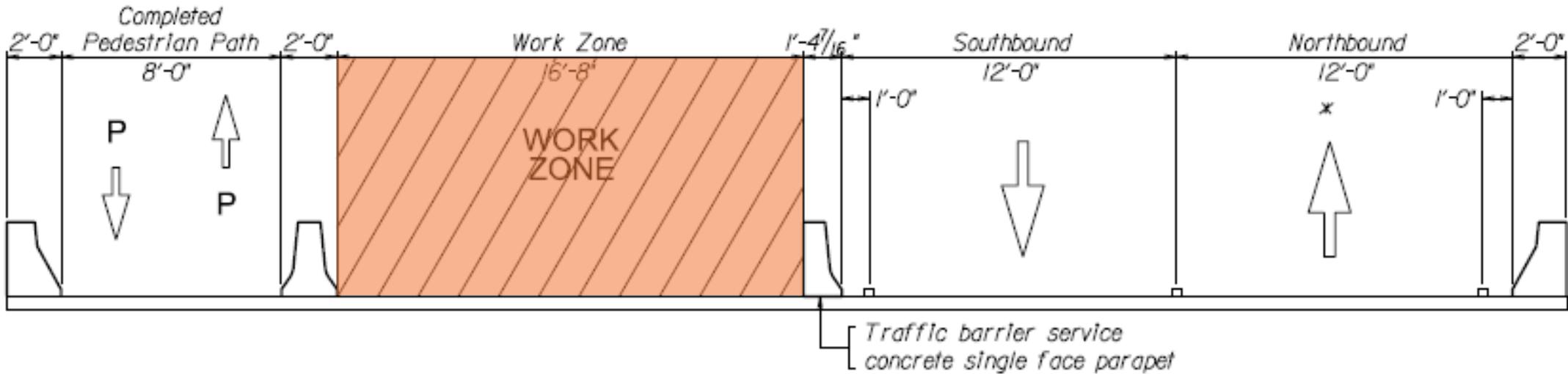
# PROPOSED MAINTENANCE OF TRAFFIC



## (1) PEDESTRIAN PATH SHIFTED TO RIGHT

**\* LEFT TURNS ONTO CHAIN BRIDGE ROAD WILL BE RESTRICTED DURING CONSTRUCTION**

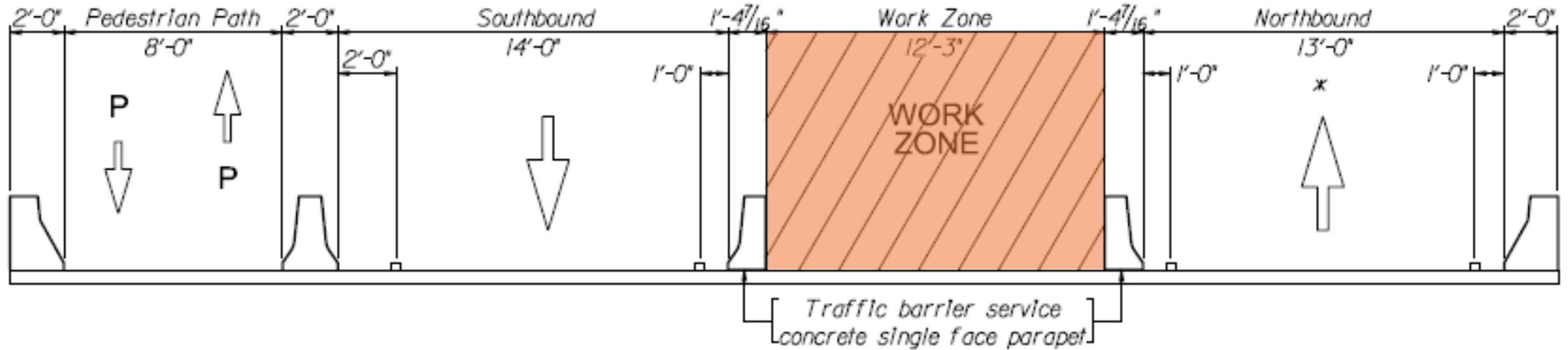
# PROPOSED MAINTENANCE OF TRAFFIC



## (2) WORK ZONE SHIFTED TO LEFT LANE

**\* LEFT TURNS ONTO CHAIN BRIDGE ROAD WILL BE RESTRICTED DURING CONSTRUCTION**

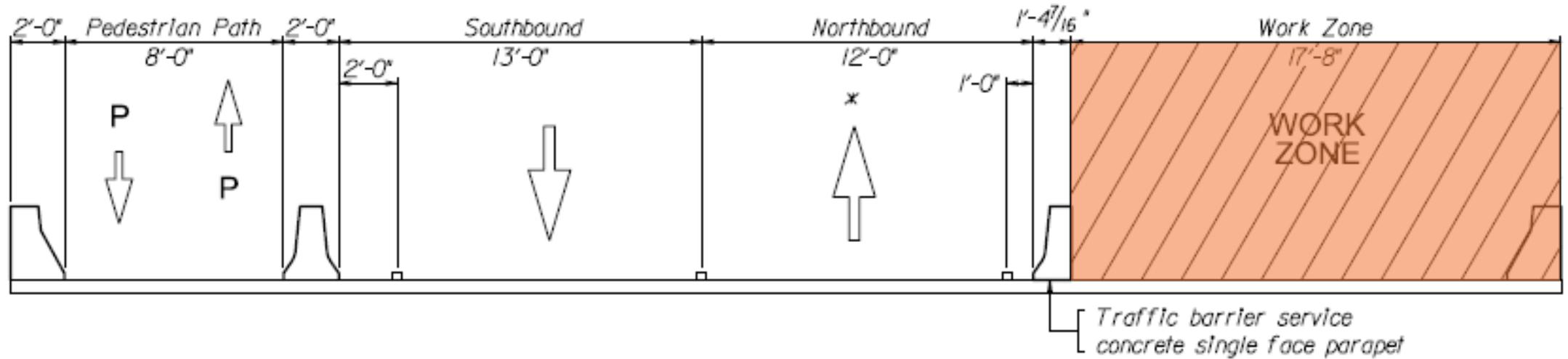
# PROPOSED MAINTENANCE OF TRAFFIC



## (3) WORK ZONE SHIFTED TO MIDDLE LANE

**\* LEFT TURNS ONTO CHAIN BRIDGE ROAD WILL BE RESTRICTED DURING CONSTRUCTION**

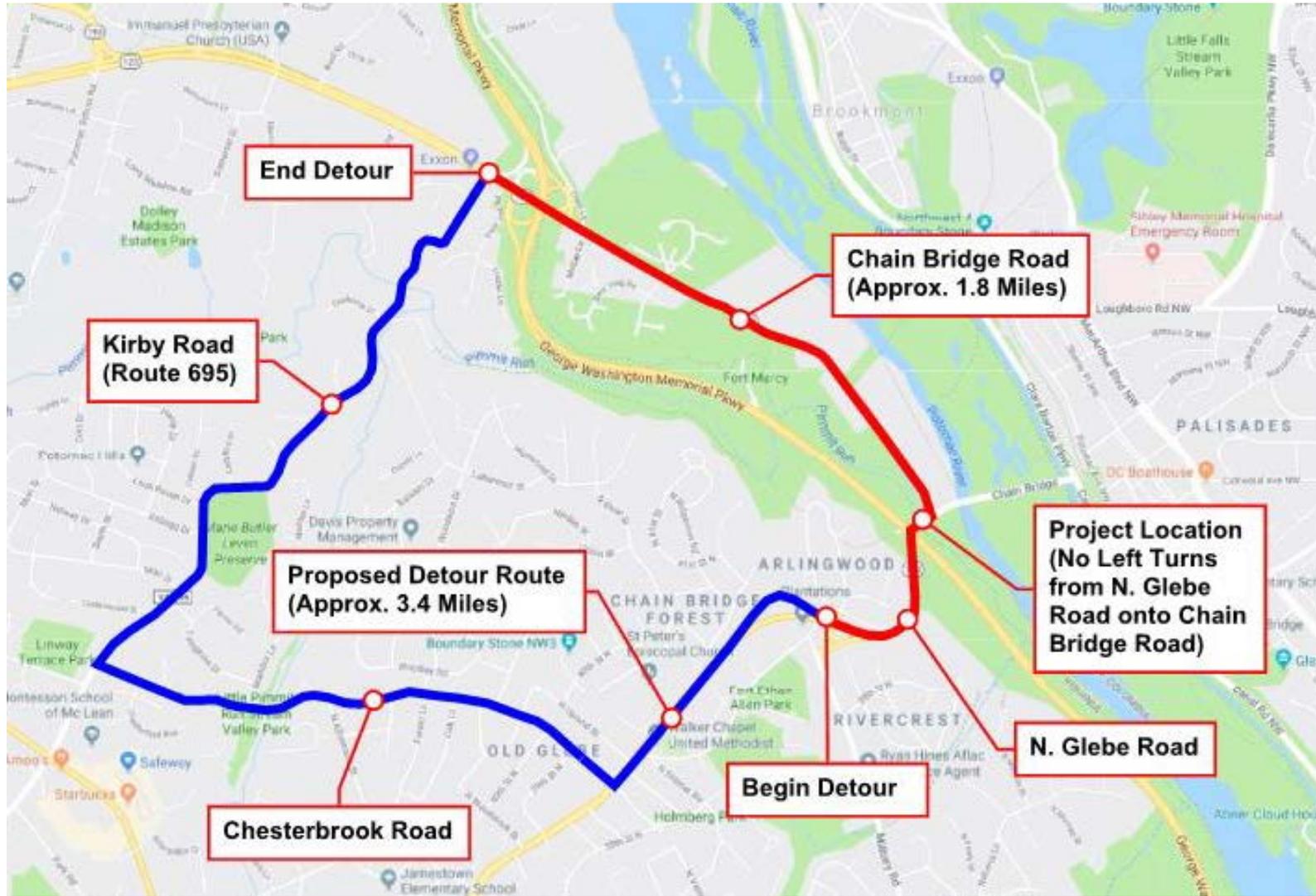
# PROPOSED MAINTENANCE OF TRAFFIC



## (4) WORK ZONE SHIFTED TO FAR RIGHT LANE

**\* LEFT TURNS ONTO CHAIN BRIDGE ROAD WILL BE RESTRICTED DURING CONSTRUCTION**

# PROPOSED DETOUR



# ANTICIPATED SCHEDULE AND COST

## Anticipated Schedule:

### Construction

Advertisement for Construction: Spring 2020

Begin Construction: Fall 2020

Construction Completion: Spring 2021

## Estimated Project Cost: (State of Good Repair Funds)

Total Cost: \$7.45 million (PE and Construction)

Preliminary Engineering . . . . . \$ 450,000

Construction . . . . . \$ 7.0 million (SGR Funds)

# THANK YOU

## QUESTIONS & COMMENTS

Send comments via email or comment form until August 23<sup>rd</sup> to:

**Shahrad Behboodi, P.E.**  
**NOVA District Project Manager**  
**[meetingcomments@vdot.virginia.gov](mailto:meetingcomments@vdot.virginia.gov)**